

# Bishwarup Paul

## Curriculum vitae

IISER-Kolkata  
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## Education

- 2013–present **Ph.D.**, *IISER-Kolkata*.  
Integrated Ph.D. programme, Department of Biological Sciences
- 2011–2013 **M.S.**, *IISER-Kolkata*, *CGPA 7.97*.  
Integrated Ph.D. programme, Department of Biological Sciences
- 2007–2010 **B.Sc. (Hons.) in Microbiology**, *68.6%*.  
Ramakrishna Mission Vidyamandira, University of Calcutta

## Research Experience

- 2013–present **Ph.D. thesis**, *Supervisor: Dr. Sumana Annagiri*, IISER-Kolkata.  
Intraspecific Brood Theft and its Mechanisms in a Primitively Eusocial Ant *Diacamma indicum*
- 2013 **M.S. Dissertation (2<sup>nd</sup> sem.)**, *Supervisor: Dr. Sumana Annagiri*, IISER-Kolkata.  
Impact of Stress on Nest Relocation in Ants
- 2012 **M.S. Dissertation (1<sup>st</sup> sem.)**, *Supervisor: Dr. Sankar Maiti*, IISER-Kolkata.  
Characterization of the ACD domain of the VgrG-1 protein of *Vibrio Cholerae*
- 2012 **Summer internship**, *Supervisor: Dr. Sankar Maiti*, IISER-Kolkata.
- 2009 **Project**, *Supervisor: Santanu Maitra*, Ramakrishna Mission Vidyamandira.  
Tolerance of microorganisms collected from wastelands of Kolkata against nickel chloride

## Publications

### Published

- 1 **Paul, B.**, Paul, M. & Annagiri, S., 2016. **Opportunistic brood theft in the context of colony relocation in an Indian queenless ant.** *Scientific Reports*, 6 (36166)
- 2 Annagiri, S., Kolay, S., **Paul, B.** & Sona, C., 2016. **Network approach to understanding the organization of and the consequence of targeted leader removal on an end-oriented task.** *Current Zoology*, p. zow058

### In preparation

- 1 **Paul, B.** & Annagiri, S. **Tricks of the trade: mechanism of brood theft in a ponerine ant.**

## Conferences & Workshops attended

- 2017 **YETI (Young Ecologists Talk and Interact)**, Tezpur University, India.  
Poster presentation: Intraspecific brood theft in an Indian queenless ant

- 2016 **Speciation and the Web of Life (GIAN)**, IISER-Thiruvananthapuram, India.
- 2016 **I-BEE (India - Behaviour, Ecology & Evolution)**, Corbett National Park, India.  
Oral presentation: Intraspecific brood theft in an Indian queenless ant
- 2015 **FIMB (Frontiers in Modern Biology)**, IISER-Kolkata, India.  
Poster presentation: Robbing thy Neighbour: A study in an Indian Queenless Ant
- 2015 **NCEE (National Conference on Ethology and Evolution)**, 39<sup>th</sup> Annual Meeting of Ethological Society of India, IISER-Mohali, India.  
Poster presentation: Robbing thy Neighbour: A study in an Indian Queenless Ant
- 2014 **SERB School in Neuroscience**, 8<sup>th</sup> Edition (*Brain Circuits*), IISER-Pune, India.
- 2013 **FIMB (Frontiers in Modern Biology)**, IISER-Kolkata, India.  
Poster presentation: Stealing the Young: A Case Study in the Indian Queenless Ant

## Academic activities

### Teaching Assistantship

- 2016 **Biology laboratory X**, *Animal behaviour*, Integrated BS-MS semester VIII.
- 2016 **Biology laboratory VII**, *Ecology and behaviour*, Integrated BS-MS semester VI.
- 2015 **Introduction to Biology II**, *Evolution*, Integrated BS-MS semester II.
- 2014 **Introduction to Biology II**, *Evolution*, Integrated BS-MS semester II.

## Awards & Honours

- 2012 **Eligibility for Lectureship**, *Joint CSIR-UGC Test for Junior Research Fellowship and Eligibility for Lectureship (NET)*.
- 2007-2010 **INSPIRE-SHE scholarship**, *for Higher studies in Basic and Natural Sciences*, Department of Science and Technology (DST), India.

## Skills

OS	Windows and Linux (Ubuntu and derivatives)
Programming	R, L <sup>A</sup> T <sub>E</sub> X, Processing, GitHub
Web design	HTML + CSS, R Markdown
Graphic design	Adobe Photoshop/GIMP, Adobe Illustrator/Inkscape
Media editing	Avidemux/Openshot, Handbrake/FFmpeg, Audacity etc.

## References

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**Anindita Bhadra**  
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